



## HOBO<sup>®</sup> T-CON-ACT-xxx Sensor

### ConLab Volt AC Transmitter Sensor

The AC Voltage transmitter is a self-powered transformer for monitoring sine wave and single-phase AC voltage. Available in two ranges: 0 to 150 Volts AC, and 0 to 300 Volts AC.

Requirements for use with specific data loggers:

- HOBO MX1100 series: a 4-20mA input cable (SD-MA-420)
- HOBO U12, UX120-006M, or ZW series: a 4-20mA input cable (CABLE-4-20mA)



#### Key Advantages:

- Available in 2 ranges: 0 to 150 & 0 to 300 Volts AC
- Requires an Input cable (part # CABLE-4-20mA)

## HOBO T-CON-ACT-xxx Sensor Specifications

**Ranges:** 0-150 and 0-300 volts RMS

**Sensor accuracy:** <  $\pm 0.1\%$  of span (20% to 120% of range)  $\pm 0.25\%$  of span (10% of range)

**Over range:** +20% of span

**Over load:** +40% of span

**Frequency:** 60 Hz AC

**Supply:** Self-powered

**Output:** 0–20 mA

**Response time to 90%:** <240 msec

**Operating conditions:** -20° to 70°C (-4° to 158°F); 5-95% RH, non-condensing

**Housing:** Plastic polycarbonate

### Protection Level

**Box:** According to IP-50 DIN 40050

**Terminals:** According to IP-10 DIN 40050

**Mounting:** Standard 35mm DIN rail

**Notes:** Because these sensors tie directly into the line, they should be used only by qualified personnel.

## Requirements

**For U12 & H8 Loggers:** Input Cable (Part # CABLE-4-20mA)

**For HOBO Energy Logger:** FlexSmart Analog Module (Part # S-FS-CVIA)